



Embryonic Stem Urothelial cells (UC) Smooth Muscle  
Cells (SMC)

Figure 1

Figure 2



Express Mail No.: EV272907824US Deposited: 6/11/2003  
Serial No.: Not Yet Assigned  
Title: URINARY TRACT TISSUE GRAFT COMPOSITIONS AND  
METHODS FOR PRODUCING SAME  
Inventor: Bradley P. Kropf Group: Not Yet Assigned  
Filed: Herewith Examiner: Not Yet Assigned  
Attorney: Kathryn L. Hester, Ph.D. Dkt. No.: 5820.639

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Figure 3



Express Mail No.: EV272907824US Deposited: 07/31/2003  
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METHODS FOR PRODUCING SAME  
Inventor: Bradley P. Kropp Group: Not Yet Assigned  
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Figure 4

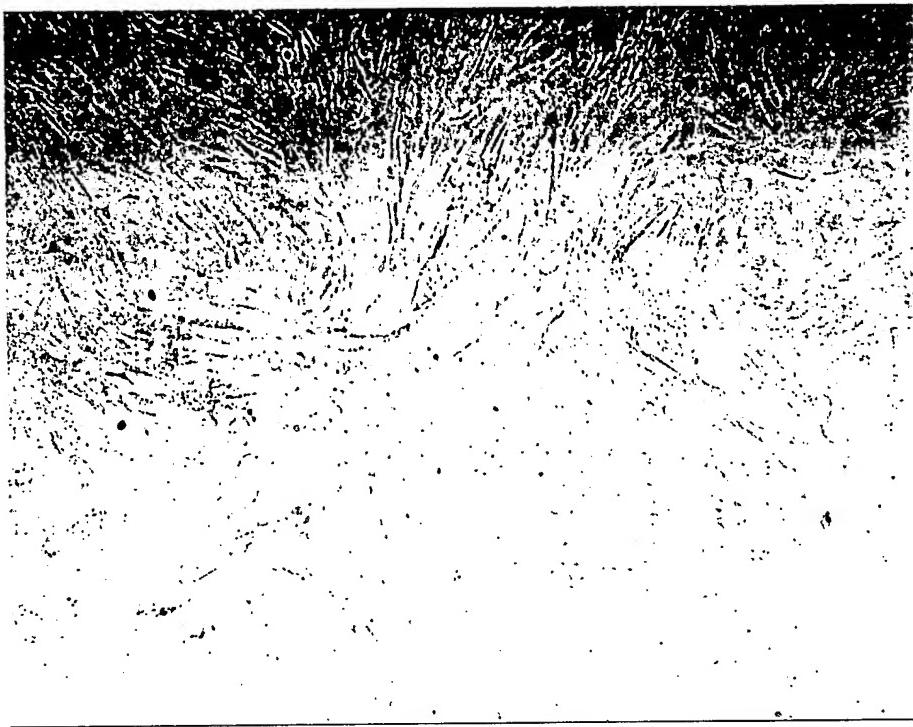


Figure 5



## Figure 6

A



B



Figure 7

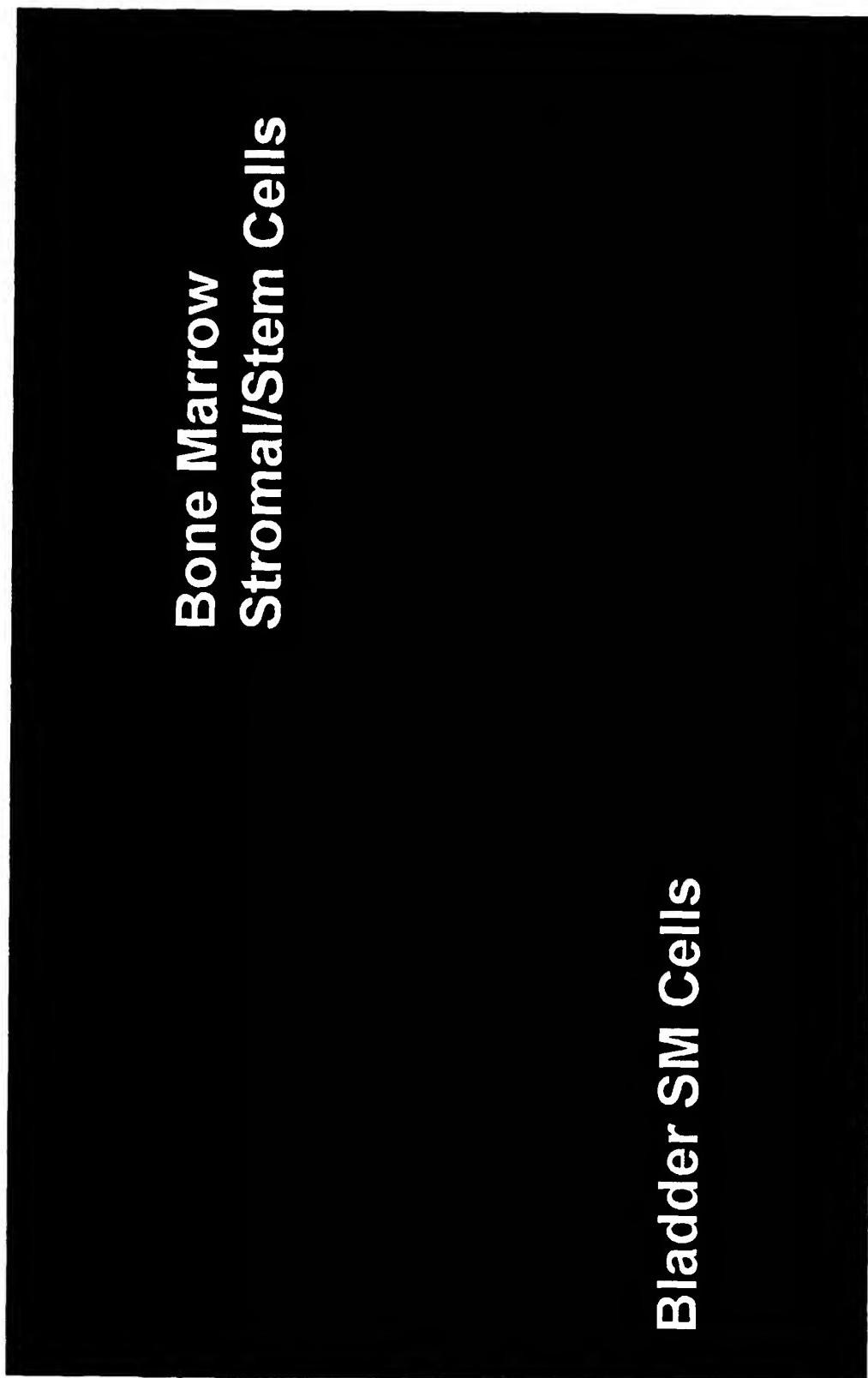
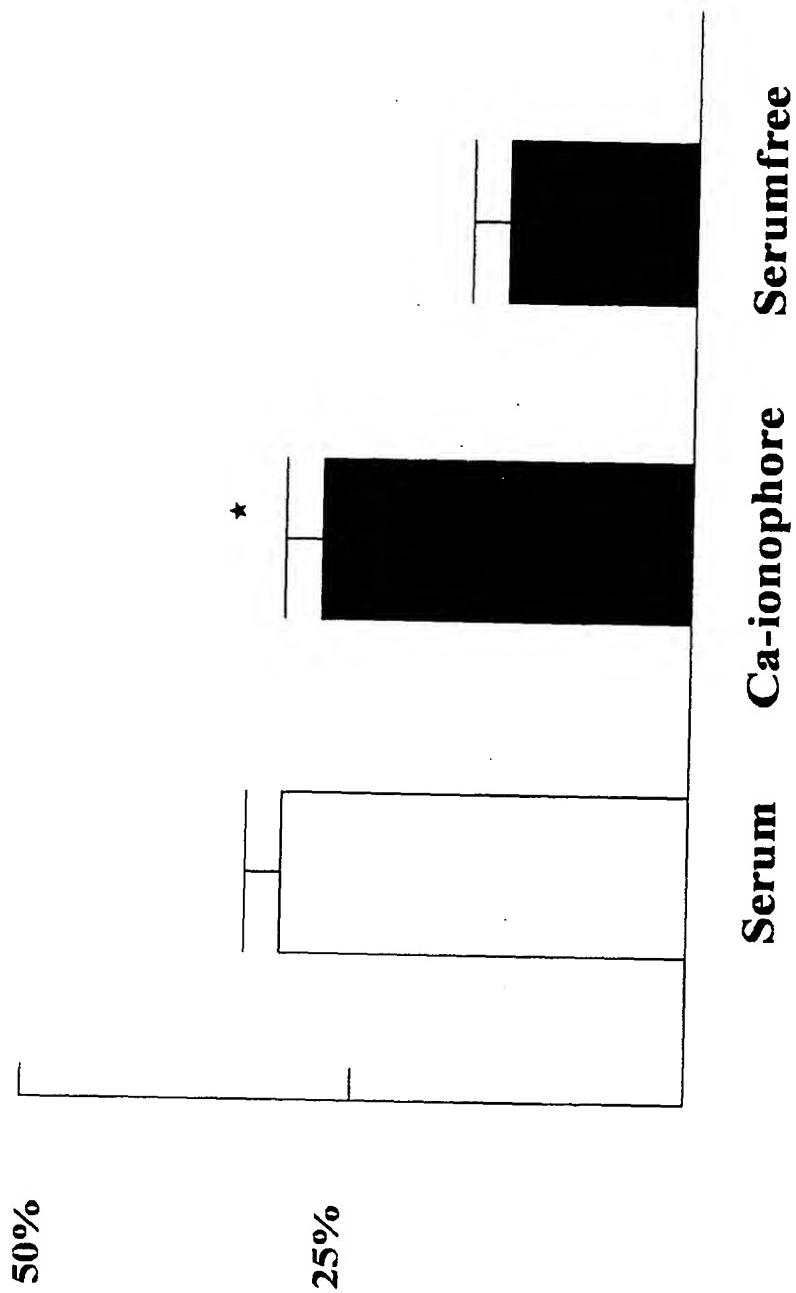
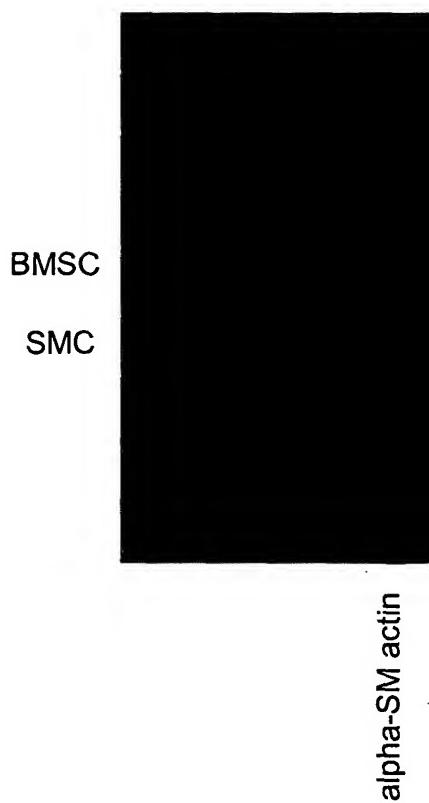


Figure 8

MBSC-Collagen Lattice Contractility



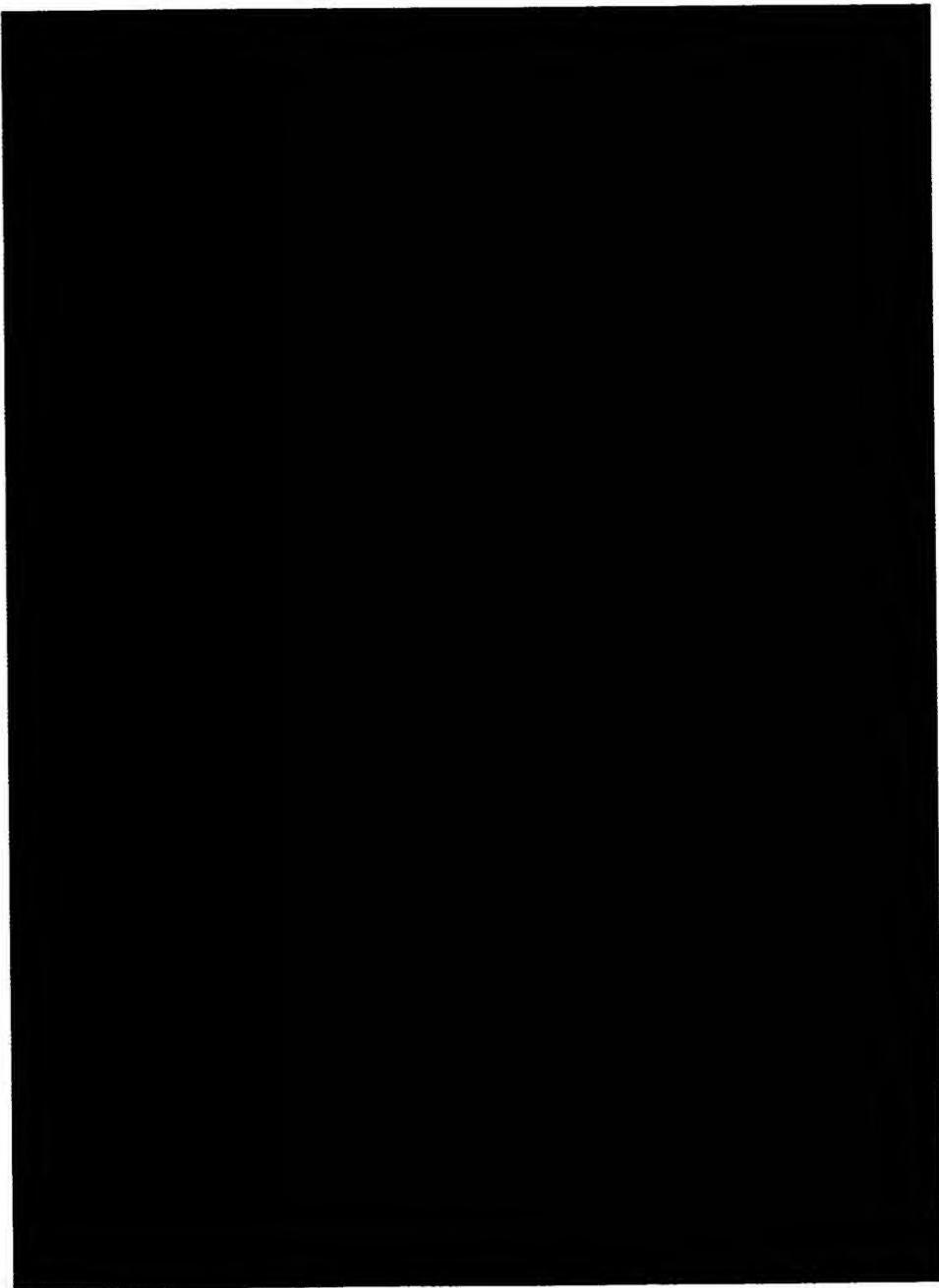
**Figure 9**



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Figure 10



## Figure 11

A



B



C

